

State of Vermont Public Service Board

Application for a Certificate of Public Good for Net Metered Power Systems that are Non-Photovoltaic Systems Up to 150 kW (AC) in Capacity; or Photovoltaic Systems Greater Than 15 kW (AC) and up to 150 kW (AC) in Capacity¹

Applicant Name (please print):

General Instructions for Applicants:

Applicants must complete sections 1-3 and any other sections of this form that are applicable to the type of the proposed system. Specific instructions for each type of system are included under the applicable section. **Failure to complete all pertinent sections of this form may result in delay or denial.** The applicant must mail the original of the completed application to the Vermont Public Service Board (Board), with copies to the Vermont Department of Public Service, to the applicant's electric utility service provider, and to all other persons as specified in each of the sections of this form applicable to the proposed net metering project. Along with the completed form, applicants must also submit a list of the persons that they have mailed a copy of the application to and the addresses to which the copies were sent, in accordance with the instructions for each type of installation.

Applicants for proposed projects with a plant capacity greater than 139 kW must also include with this application form a copy of the completed Certificate of Public Good Application Fee Form that they have submitted to the Agency of Natural Resources (ANR). The original of the Fee Form and the fee payment **must** be submitted to ANR; **do not send the fee payment to the Board.** The Fee Form is available at:

<http://www.anr.state.vt.us/site/html/docs/248-fee-form.pdf#zoom=100>. If you have questions about the Fee Form, please contact ANR's Office of Planning and Legal Affairs at ANR-OPLA@state.vt.us or 802-828-1295.

It is recommended that applicants contact their utilities *prior to applying for a certificate of public good* to determine whether the utility's capacity for net metering projects has been met, and whether there are any utility-specific requirements that need to be met. Applicants are also strongly encouraged to contact the host municipality, ANR, and the Division for Historic Preservation prior to filing. Please contact the Vermont Public Service Board at (802) 828-2358 if you have any questions regarding this application form.

Notice to Those With Concerns About the Proposed Project

If you have received a copy of this application, this is your opportunity to comment on the proposed project and to request a hearing before the Board. In order to be granted a hearing, you must explain specifically in writing what aspect of the application raises a significant issue relating to one or more of the substantive criteria contained in 30 V.S.A. § 248(b). The Board will hold a hearing only if it determines — based on your comments or its own review of the application — that the project raises a significant issue with respect to one or more of those substantive criteria. For example, if you are concerned that a project may interfere with a scenic vista, then you would describe this potential aesthetic impact under § 248(b)(5) in your written comments. Be as specific and detailed as possible; it is not sufficient to simply assert that an application raises a significant issue. Similarly, requests for hearings must be supported by more than general or speculative statements.

For all systems *with the exception of photovoltaic systems on existing structures*, if you wish to provide comments to the Board about a proposal or request a hearing, you must file your comments and any motion to intervene with the Board and the applicant within 30 days of the date that the application was sent to the Board and all required recipients; if you wish to request a hearing, you must include your hearing request with your comments. *With respect to photovoltaic systems on existing structures*, if you wish to provide comments to the Board about a

¹ Applicants for photovoltaic systems of 15 kW or less in capacity must use the Board's Net Metering Registration Form, which is available on the Board's website at: <http://psb.vermont.gov/sites/psb/files/NMRegistrationForm2015.doc>. Systems with a capacity of more than 150 kW must comply with the requirements of Board Rule 5.110(C) to apply for a certificate of public good.

proposal, you must file the comments and any request for a hearing with the Board and the applicant within 10 working days of the date that the application was sent to the Board and all required recipients. Comments and requests must be submitted in writing to the Board at 112 State Street, 4th Floor, Montpelier, VT 05620-2701. If you have any questions, please contact the Clerk of the Vermont Public Service Board at (802) 828-2358, e-mail address: psb.clerk@state.vt.us.

Instructions to Municipal Legislative Bodies and Planning Commissions

For ground-mounted solar installations (pursuant to 30 V.S.A. § 248(b)(1)(B)), please provide any written recommendations regarding application of the screening requirements contained in your municipal bylaws or ordinances. Such recommendations must be filed with the Clerk of the Vermont Public Service Board at 112 State Street, 4th Floor, Montpelier, VT 05620-2701 within 30 days of the date you received an application.

Applicant Information

- Section 1.

(Please print all information clearly)

Applicant Name: _____

Location of Proposed System (please include street name and number; no P.O. boxes):

Street Name and Number: _____

Town/City/State: _____

Zip Code: _____

Applicant's Mailing Address (if different from above): _____

Applicant's Daytime Telephone: _____

Applicant's Utility & Account #: _____

Property Owner Name (if proposed system will be located on land not owned by the Applicant): _____

Property Owner's Mailing Address: _____

Town/City/State: _____

Zip Code: _____

Property Owner's Daytime Telephone: _____

Is this an amendment to an existing system? If so, please indicate the existing CPG No. _____

Date application was sent to the Vermont Public Service Board and other persons or entities as required by type of net metering project:

Applicant must indicate the date the application was sent to the Vermont Public Service Board and other persons or entities, and also submit a list of the names and addresses of the persons and entities notified of this application along with the completed application.

Installer Information

- Section 2.

(Please print all information clearly)

Installer Name: _____

Mailing Address: _____

Town/City/State: _____

Zip Code: _____

Daytime Telephone: _____

E-mail Address: _____

Certification**- Section 3.**

The undersigned declares, under the pains and penalties of perjury, that:

- (1) having exercised due diligence and made reasonable inquiry, the information which I have provided on this form and any attachments is true and correct to the best of my knowledge;
- (2) the project for which this application seeks approval is in compliance with the land conservation measures contained in the applicable Town Plan;
- (3) the project is in compliance with all applicable state and federal requirements and has the necessary approvals for operation of this type of system;
- (4) any waste generated by the construction of this project will be disposed of at a state-approved disposal facility;
- (5) any construction activities will follow the recommendations of *the Vermont Erosion Control Handbook* (available from the Agency of Natural Resources, 1-802-828-1535 or anr.wsmdstormwatergeneral@state.vt.us);
- (6) the system will be installed in compliance with the interconnection safety and technological requirements of Public Service Board Rule 5.100;
- (7) I have sent a copy of this complete application to all parties as required by this form; and
- (8) site preparation or construction of the project will not commence until a certificate of public good is issued.

Making false or misleading statements on this application is subject to penalties under 30 V.S.A. § 30 and/or revocation of any approval granted.

Applicant Name: _____

Applicant Signature: _____ Date _____

Installer Name: _____

Installer Signature: _____ Date _____

Renewable Attribute Election:

I elect to retain ownership of any renewable attributes associated with the system (*please circle one*) **yes or no.**

If you select "no" or do not make a selection, the renewable attributes will be transferred to your electric utility. Your electric utility shall retire any renewable attributes received from net-metering customers and apply them toward compliance with the Renewable Energy Standard set forth in 30 V.S.A. §§ 8004 and 8005.

Interconnection Configuration:

Please circle one: generation meter; behind consumption meter

If a generation meter interconnection, please circle one: single phase; three phase

Further Instructions

If installing a photovoltaic (PV) system, complete Section 4.*

If installing a wind system, complete Sections 5 and 8.

If installing another type of net metering system, complete Sections 6 and 8.

If installing a group system, complete the sections applicable to the net metering system employed and Section 7.

***PV systems that are not mounted on a roof must complete Section 8 (environmental information). See instructions in Section 4 below.**

Photovoltaic System (PV) Information**- Section 4.**

PV Module Manufacturer: _____

Module Model Number: _____

Number of Modules: _____

Power Rating per Module: _____ DC Watts

Total Array Output: _____ DC Watts (no. of modules x power rating)

System Capacity: _____ AC Watts (AC Nameplate Capacity of the Inverter(s))

Inverter Manufacture: _____

Inverter Model Number: _____

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

Installation Type (*please circle one*): roof mount; ground mount; other (please describe) _____

System Type and Orientation (*please circle one*): fixed; 1-axis; 2-axis

If you are installing a system that is not mounted on a roof, you must also complete Section 8 of this application.

Notice Requirements:

If you are installing a PV system on a roof, you must send copies of this application to the Vermont Public Service Board at 112 State Street, 4th Floor, Montpelier, VT 05620-2701; the Vermont Department of Public Service at 112 State Street, 3rd Floor, Montpelier, VT 05620-2601; and your utility.

If your PV system will not be mounted on a roof, then you must send a copy of the application to the Vermont Public Service Board; the Vermont Department of Public Service; your electric utility; the Planning Division, Agency of Natural Resources, 1 National Life Drive, Davis 2, Montpelier, VT 05620-3901; your local planning commission; the municipal legislative body for the municipality in which the system is to be installed (typically, the selectboard); and all landowners adjoining the proposed project site.

Please note that all applicants must submit a list of the persons and entities provided with a copy of this application along with the addresses where such notice was sent.

Wind System Information**- Section 5.**

Wind Turbine Manufacturer: _____

Turbine Model Number: _____

Turbine Tower Height: _____ ft

Turbine Tower Diameter: _____ ft

Rotor Diameter: _____ ft

Wind Turbine Power Output: _____ Watts

(Peak output up to 30mph wind speed)

AC Source (circle one): Inverter Synchronous Generator Induction Generator

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

If using an inverter, complete the following:

Inverter Manufacturer: _____

Inverter Model Number: _____

Inverter's Continuous AC Rating: _____ AC Watts

System Rated Output: _____ AC Watts (wind turbine power output x .95)

All applicants for wind systems must also complete Section 8 (Environmental Information) below.

Notice Requirements:

If interconnecting a wind system, you must send copies of this application to the Vermont Public Service Board at 112 State Street, 4th Floor, Montpelier, VT 05620-2701; the Vermont Department of Public Service, 112 State Street, 3rd Floor, Montpelier, VT 05620-2601; your electric utility; your local planning commission; the municipal legislative body for the municipality in which the system is to be installed (typically, the selectboard); the Planning Division, Agency of Natural Resources, 1 National Life Drive, Davis 2, Montpelier, VT 05620-3901; and all landowners adjoining the project site.

Please note that the applicant must submit a list of the persons and entities provided with a copy of this application along with the addresses where such notice was sent.

Other Types of Systems

- Section 6.

Description of the type of net metering system employed (fuel cell, hydroelectric, biomass, etc.): _____

Manufacturer: _____

Model Number: _____

Rated Power Output (AC continuous): _____ AC Watts

System Rated Output (power output x .95) : _____ AC Watts

AC Source (circle one): Inverter Synchronous Generator Induction Generator

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

If using an inverter, complete the following:

Inverter Manufacturer: _____

Inverter Model Number: _____

Inverter's Continuous AC Rating: _____ AC Watts

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

All applicants for systems under this section must also complete Section 8 (Environmental Information) below.

Applicants for hydroelectric and biomass systems must submit copies of all necessary federal and state approvals for the project along with this application.

Applicants for biomass systems that utilize off-site waste resources must provide a detailed description of any waste transportation, storage, and handling related to the project.

Notice Requirements:

If interconnecting a system, you must send copies of this application to the Vermont Public Service Board at 112 State Street, 4th Floor, Montpelier, VT 05620-2701; the Vermont Department of Public Service, 112 State Street, 3rd Floor, Montpelier, VT 05620-2601; your electric utility; your local planning commission; the municipal legislative body for the municipality in which the system is to be installed (typically, the selectboard); the Planning Division, Agency of Natural Resources, 1 National Life Drive, Davis 2, Montpelier, VT 05620-3901; and all landowners adjoining the project site.

Please note that the applicant must submit a list of the persons and entities provided with a copy of this application along with the addresses where such notice was sent.

If interconnecting a group system, applicants must provide the required application information corresponding to the type of net metering system(s) to be constructed as outlined in sections 4-6, above. In addition, applicants must also provide on a separate sheet:

- (1) the meters to be included in the group system identified by account number and location;
- (2) the procedure for adding and removing meters included in the group system, and direction as to the manner in which the serving utility shall allocate any accrued credits among the meters in the group;
- (3) a designated person, including address and telephone number, responsible for all communications from the system to the serving electric utility, except for communications related to billing, payment, and disconnection; and
- (4) a binding process for the resolution of any disputes within the group system relating to net metering that does not rely on the serving electric utility, the Vermont Public Service Board, or the Vermont Department of Public Service.

Please note that all meters included in a group system must be within the same electric utility service territory in which the generation facility is located.

You must complete the applicable portions of this section if you are installing any one of the following:

- A PV system that is not on a roof
- A wind system
- A system under Section 6

1. For all such systems, state whether the system will be sited on, near, or within any of the following resources (*answer yes or no*):

Floodway _____	Historic site or district _____
Shoreline _____	Rare and irreplaceable natural area _____
Stream _____	Necessary wildlife habitat _____
Wetland _____	Area where an endangered species is present _____

Note: Please see 10 V.S.A. §§ 902 and 6001 for definitions of each of these resources. Applicants must ascertain whether any of the above listed resources are present. Applicants are encouraged to consult with the Vermont Agency of Natural Resources and Division for Historic Preservation prior to filing an application. The provision of incomplete or incorrect information on this application may result in the delay or denial of this application, the revocation or amendment of certificates of public good issued in reliance on such incomplete or incorrect information, or the imposition of penalties pursuant to 30 V.S.A. § 30.

If the answer to any one of the foregoing is yes, please attach a separate sheet:

- (a) showing the location of the system in relation to the resource, and
- (b) stating the impact that the system, including its installation, will have on the protected resource and what measures, if any, will be taken to minimize any such impact.

2. For all such systems, on a separate sheet, describe the visible and aesthetic impact of the project and why it will not have an undue adverse effect on aesthetics and the scenic and natural beauty of the area. Describe the location of the facility in relation to adjoining properties and roadways, and include a specific statement about the visibility of the facility from adjoining properties and roadways; and, if it is highly visible, what measures you have taken, if any, to minimize the visible impact.

3. For all systems with capacities greater than 50 kW, provide a site plan or plans of the Project containing the following information:

- (a) The scale in feet and a representative fraction. The plan must be drawn to scale and submitted on an 11" x 17" sheet.
- (b) A compass orientation, legend, title, and date.
- (c) An inset showing the location of the system within the Town.
- (d) Proposed facility location(s), all construction features, and dimensions of all proposed improvements.
- (e) State and municipal highways and setback distances from those highways to the system.
- (f) Property boundaries and setback distances from those boundaries to the system.
- (g) The locations of any proposed utility lines.

- (h) A description of any areas where vegetation is to be cleared or altered and a description of any proposed direct or indirect alterations or impacts to wetlands and other natural resources protected under 30 V.S.A. § 248(b)(5), including the limits of earth disturbance and the total acreage disturbed.
- (i) Locations and specific descriptions of proposed screening, landscaping, ground cover, fencing, exterior lighting, and signs.
- (j) The location of any proposed access driveway, roadway, or parking area.

4. For ground-mounted solar systems, please provide the following setback information:

- (a) The distance from each State or municipal highway, measured from the edge of the traveled way: _____
- (b) The distance from each property boundary that is not a State or municipal highway: _____
- (c) The distance from the nearest residence _____

If the applicant is proposing a smaller setback than those provided in 30 V.S.A. § 248(s), please attach an agreement to the smaller setback signed by the applicant, the municipal legislative body, and each owner of property adjoining the smaller setback.

"Setback" means the shortest distance between the nearest portion of a solar panel or support structure for a solar panel, at its point of attachment to the ground, and a property boundary or the edge of a highway's traveled way.

5. For ground-mounted solar systems, provide a copy of the complete text of any applicable screening requirements contained in a municipal bylaw adopted under 24 V.S.A. § 4414(15) or a municipal ordinance adopted under 24 V.S.A. § 2291(28). Applicants should contact the municipality where the system will be located to obtain this information.

Please provide a narrative description explaining how the proposed system will comply with such screening requirements or how complying with such requirements would prohibit or have the effect of prohibiting the installation of the facility or have the effect of interfering with the facility's intended functional use or how the screening requirements are more restrictive than requirements for commercial development and therefore are inapplicable. If the municipality has not adopted any screening requirements, please state this fact.

"Screening" means reasonable aesthetic mitigation measures to harmonize a facility with its surroundings and includes landscaping, vegetation, fencing, and topographic features.